Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 03 Jan 2023 until 23:59 on Wednesday 04 Jan 2023

Forecast Issued on Tuesday 03 Jan 2023 at 02:51

Confidence: High for unsettled weather the next few days, becoming Medium for timing of rain and wind strength from Thursday.

Headline for Tuesday 03 Jan 2023: Heavy rain, strong winds and poor visibility.

Mountain weather hazards on Tuesday 03 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Heavy Rain	Fog	Fog	Heavy Rain	Heavy Rain
Precipitation probability					
70%	80%	50%	60%	80%	90%

Forecast for Tuesday 03 Jan 2023

Weather: Outbreaks of rain developing around dawn, perhaps briefly wintry over the higher tops. Cloudy and overcast with outbreaks of rain during daylight hours and through the evening. The rain lighter at times around the middle of the day, turning heavy and persistent through the afternoon and evening. Windy.

Chance of cloud-free hill tops above 600m: 30%, best chance around the middle of the day.

Low Cloud and visibility: Extensive cloud, base 300 to 500m, with patches lower at times. Visibility often poor in rain and very poor in low cloud covering the hills, leading to navigational difficulties.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 03 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/33 S	26/35 S	21/29 SW	22/31 S	24/34 S	24/35 SW	28/41 SW
300	10/25 SE	14/32 S	12/28 SW	12/28 S	14/32 S	14/31 SW	17/37 SW
Valley	10/29 SE	14/34 S	10/25 S	12/29 S	12/30 S	13/30 SW	17/37 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	3/-4	4/-1	5/0	6/1	8/3	8/3
300	2/-2	4/-0	7/3	7/4	8/4	9/6	9/6
Valley	4/1	6/2	8/5	9/6	10/7	10/8	10/7
Freezing Level*	1000m	1500m	1500m	1900m	2300m	2300m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind gusts may reach up to around 50-55 mph over the most exposed summits and ridges, mainly around dawn and again in the evening. This will give very difficult walking conditions with a risk of being blown over. There will be severe wind chill at first, but this easing as the temperature rises through the day. Persistent rain will drench waterproofs.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 03 Jan 2023	0.2mm	8.8mm	34.2mm

Forecast for Wednesday 04 Jan 2023

Weather: Rain clearing overnight, then rather cloudy with bright spells and heavy showers, frequent especially in the west. Feeling cold in the strong to gale force winds with buffeting.

Maximum wind: West or Southwest 35-45mph gusting 50-60mph, easing later in the day.

Chance of cloud-free hill tops above 600m: 50%

Low Cloud and visibility: Extensive cloud, base 600 to 800m. Visibility often poor or very poor with cloud lowering as showers move through, although they will move through quickly on strong winds.

Temperature: **Valleys:** Plus 5 to 10 Celsius
At 600m: Plus 6 Celsius
Freezing level: Above the summits.

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